

Drawing Objects Fig. 3: 22 1-21, ~~22~~

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Spec Object:  
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What is claimed is:

1. An extrusion type nozzle comprising:

5 a <sup>(12)</sup>block having therein a <sup>(4)</sup>manifold for distributing liquid along a coating width, a <sup>(5)</sup>slit for allowing said liquid distributed in said manifold to pass therethrough, and a <sup>(+1 & +2)</sup>discharge outlet for discharging said liquid from said slit, said slit including a first portion and a second portion provided closer to said discharge outlet than said first portion; and  
10 a <sup>3 (17)</sup>first forming member for forming a wall of said first portion of said slit, said first forming member being <sup>(7)</sup>displaceable to change a gap of said first portion of said slit.

2. The extrusion type nozzle according to claim 1, wherein said first forming member is exchangeable.

15 3. The extrusion type nozzle according to claim 1, wherein said first forming member has a length in a direction of discharging said liquid changing along said coating width.

20 4. The extrusion type nozzle according to claim 1, further comprising a <sup>7A</sup>displacing mechanism for tilting said first forming member along said coating width.

25 5. The extrusion type nozzle according to claim 1, wherein said slit further includes a third portion closer to said manifold than said first portion, said nozzle further comprising a second forming member for forming a wall of said third portion of said slit, and being exchangeable.

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6. The extrusion type nozzle according to claim 1, further comprising a second forming member for forming a wall of said manifold, said second forming member being displaceable to change an area of a cross section of said manifold perpendicular to said coating width.

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7. The extrusion type nozzle according to claim 6, further comprising a displacing mechanism for tilting said second forming member along said coating width.

10 8. An extrusion type nozzle comprising:

a block having therein a manifold for distributing liquid along a coating width, a slit for allowing said liquid distributed in said manifold to pass therethrough, and a discharge outlet for discharging said liquid from said slit; and

15 a forming member for forming a wall of said manifold, said forming member being displaceable to changing an area of a cross section of said manifold perpendicular to said coating width.

20 9. The extrusion type nozzle according to claim 8, further comprising a displacing mechanism for tilting said forming member along said coating width.

10. A coating apparatus comprising:

25 including an extrusion type nozzle for producing a coating of liquid,

a block having therein a manifold for distributing said liquid along a coating width, a slit for allowing said liquid distributed in said

manifold to pass therethrough, and a discharge outlet for discharging said liquid from said slit, said slit including a first portion and a second portion provided closer to said discharge outlet than said first portion, and

5 a forming member for forming a wall of said first portion of said slit, said forming member being displaceable to change a gap of said first portion of said slit;

a measuring unit for measuring a value of at least one of a weight, a thickness, and a density of said coating; and

10 a controller for controlling an amount of displacement of said forming member of said extrusion type nozzle according to said measured value.

11. A coating apparatus comprising:

15 an extrusion type nozzle for producing a coating of liquid, including

a block having therein a manifold for distributing said liquid along a coating width, a slit for allowing said liquid distributed in said manifold to pass therethrough, and a discharge outlet for discharging said liquid from said slit, and

20 a forming member for forming a wall of said manifold, said forming member being displaceable to changing an area of a cross section of said manifold perpendicular to said coating width;

a measuring unit for measuring a value of at least one of a weight, a thickness, and a density of said coating; and

25 a controller for controlling an amount of displacement of said forming member of said extrusion type nozzle according to said measured value.